Learning Management System Fielding Overview for Senior Leaders

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➲ **The Army Distributed Learning Program (TADLP) Overview**

➲ **Army Learning Management System (ALMS)**

➲ **Upcoming Events**

➲ **MOA**

➲ **Leave Behinds**

- **Overview of TADLP.**

- **Introduction of the Army LMS functions, capabilities, and benefits.**

- **Overview of the required fielding efforts.**

- **Identification of all personnel scheduled for ALMS training at this location.**

- **Address the scope of a Memorandum of Agreement (MOA) used to document the Fielding tasks.**

⮫ **Train to One Standard**

- Improve ability to train service members and supporting civilian workers in all Army components to a Single Army Standard.

⮫ **Reduce Costs**

- Reduce training delivery support costs.

⮫ **Improve Morale**

- Improve service member morale by allowing members to obtain required training without leaving their home station.

⮫ **Improve Training Efficiency**

- Improve training efficiency since instructors train more students in a shorter period of time.

⮫ **Improve Unit Readiness**

- Reduce personnel turbulence resulting from long term absence for resident training thus improving unit readiness.

DLS
Distributed Learning System

The Army TADLP
Distributed Learning Program

> **" Distributed Learning gives us the best of the best, because it links virtual with live training, and provides an important means of taking training and education to Soldiers and units anywhere, anytime."**

**General Kevin P. Byrnes
Commanding General,
US Army Training and Doctrine Command**

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Mission:

"To improve readiness by the delivery of standardized individual, collective, and self-development training to soldiers and units any time and any place through the application of multiple means and technologies."
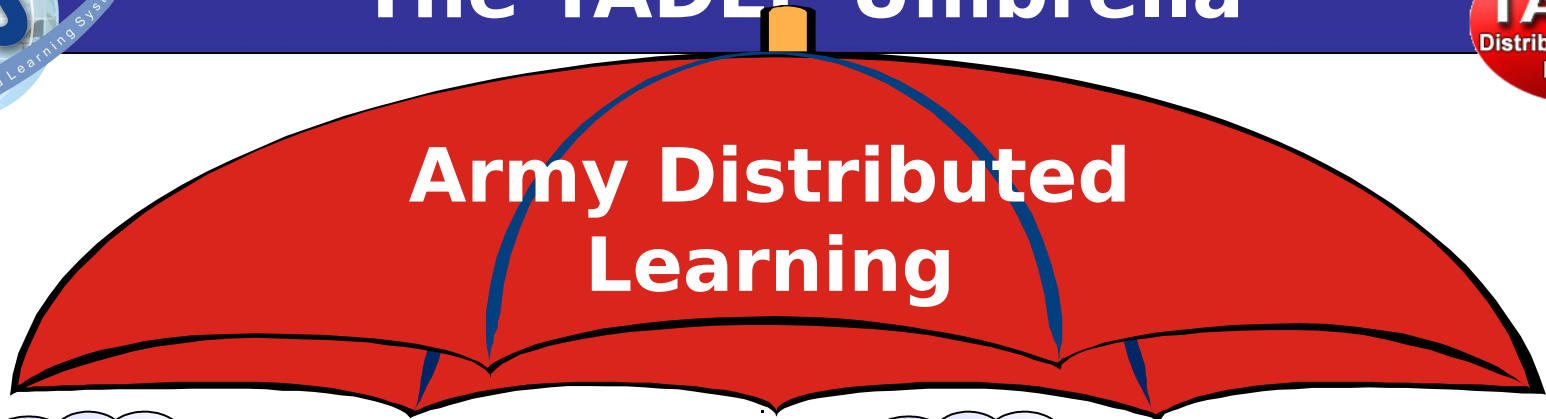
1996

Supports Army Transformation Efforts

2010

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The TADLP Umbrella

Army Distributed Learning

TPIO TADLP

PM DLS

ATSC

Classroom XXI

DL Courseware

Army Training Information System

Digital Training Facilities

Deployed Digital Training Campus

ARNG DTTP

Battle Command Knowledge System

BCT/OSUT

Learning Management System

Lifelong Learning Centers

Army e-learning

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TADLP Courseware Status

Where we were:
FY98-05 CW funding $180.8M

Where we will be:
FY06-11 $289M POM

Courseware

- 525 Redesigned courses by FY2010

- TRADOC FY05 redesign priorities:
  - Contemporary Operating Environment/ Global War on Terror (COE/GWOT)
  - Duty MOS Qualified (DMOSQ) / SL 10 Reclass (USARC/NGB/ARMY)

- Professional Military Education
  - Basic NCO Courses
  - Advanced NCO Courses
  - Warrant Officer Education System
  - Officer Education System

- Functional Courses

Maintenance Strategy

- Focus:
  - Content
  - Technical Aspects

- Options:
  - Modify Existing Contract
  - Establish New Contract

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➲Issue:

- Professional Military Education backlog amongst Non-Commissioned Officers due to on-going operational deployments in the Middle East.

➲Solution:

- Video Tele-training has provided 6,200 graduates to date.

- Basic Non-Commissioned Officer Course, Common Core training, Battle Staff, Medical Certification, First Sergeants Course, Language refresher, and Combat Engineer (IED).

- Between July 04 and April 05 approximately 13,000 soldiers will be scheduled for Professional Military Education via Video-Tele-training.

  - 3000 Soldiers in Europe
  - 1700 Soldiers in Korea
  - 8000 Soldiers in CONUS

Deployed Digital Training Campus (DDTC)

DDTC Deployments: Germany; Bosnia; Kosovo; Sinai

"Go anywhere"
- Low weight and compact.
- Rapid setup & use in austere conditions.
- Fully integrated & available now.

Portable in 1 HMMWV!

- Meets the immediate need for mobile, adaptable, high capacity secure wireless and satellite communications.
- High bandwidth, deliver any content, anywhere, any time.
- Networked with reach back capability.
- Plan, rehearse, and execute.
- Stryker BDE train-up for Iraq deployment.
- Increment 4 of PM DLS acquisition strategy.

Satellite link connects remote sites with any VTT or VTC system globally. DDTC is virtually unlimited in connecting to any other communication technology systems.

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- **Provide on demand/call forward capability.**
- **PM DLS scheduled to begin fielding systems in FY07.**
- **Provide "embedded" individual, collective, collaborative, and simulations based training capability.**
  - Force XXI Battle Command Battalion/Brigade and Below (FBCB2) Training.
  - Two-way interactive VTT using voice over IP.
  - Access to all DL based classrooms.
- **Provide full spectrum connectivity (terrestrial, satellite, and wireless).**
- **Provide NSA approved secure communications capability.**
- **Highly mobile (HMMWV), small footprint, one soldier 1 hour max set-up time.**

- **Classroom XXI modernizes TRADOC resident classrooms to transmit (push) and deliver DL anytime, anywhere from proponent schoolhouses.**

- **270 high-tech classrooms scheduled thru FY14.**

- **Current CRXXI classroom fielding status:**
  - 54 classrooms fielded (FY98-04).
  - 18 classrooms in progress (FY05).

- **TRADOC is inserting Classroom XXI technology into 110 high tech classrooms in 5 new Basic Combat Training/ One Station Unit Training barracks complexes.**
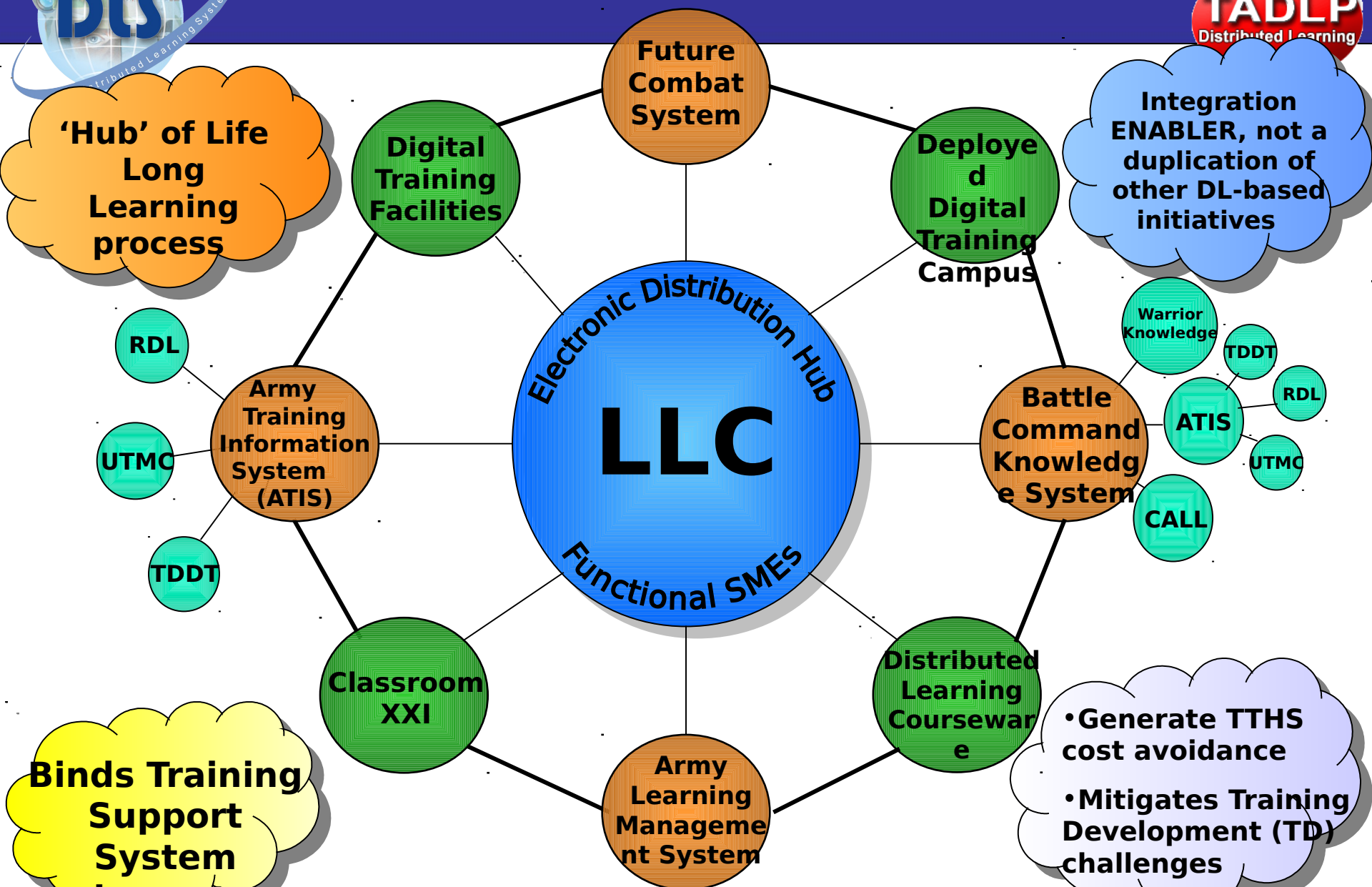
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- **LLC is the digital hub of the Army's lifelong learning process where standardized proponent content is developed, stored and delivered to Soldiers (AC/RC) and DA civilians, using cost effective mix of new information technologies and education methods.**

- **Key enabler for:**
  - Strategic Plan for Transforming DOD Training.
  - CSA Leader Development & Education Focus Areas.
  - CSA Army Training & Leader Development Plan (ATDLP) imperatives.
  - AOT Initiative.

- **LLC is integrally linked to Future Combat System, Battle Command Knowledge System, The Army Distributed Learning Program, Army Training Information System, Reimer Digital Library, and the Joint Training System.**

The LLC Model

'Hub' of Life Long Learning process

Integration ENABLER, not a duplication of other DL-based initiatives

Electronic Distribution Hub

LLC

Functional SMEs

Future Combat System

Digital Training Facilities

Deployed Digital Training Campus

RDL

Army Training Information System (ATIS)

UTMC

TDDT

Warrior Knowledge

TDDT

RDL

ATIS

UTMC

CALL

Battle Command Knowledge System

Classroom XXI

Distributed Learning Courseware

Army Learning Management System

Binds Training Support System elements

- **Generate TTHS cost avoidance**
- **Mitigates Training Development (TD) challenges**

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Army Training Information System Infrastructure

DLS Distributed Learning System

The Army TADLP Distributed Learning Program

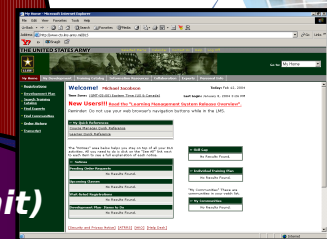SOLDIER TRAINING HOMEPAGE

AKO ARMY KNOWLEDGE ONLINE

TRAINING DELIVERY

- ✓ Single access point through AKO
- ✓ RDL
- ✓ Multiple user access enablers
  - Digital Tech Trng Program
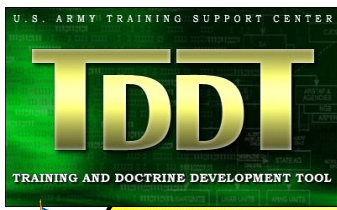 - Digital Training Facility
  - Deployed Digital Training Campus

DLS Distributed Learning System

LEARNING MANAGEMET SYSTEM

TRAINING AND DOCTRINE DEVELOPMENT TOOLKIT

U.S. ARMY TRAINING SUPPORT CENTER

TDDT

TRAINING AND DOCTRINE DEVELOPMENT TOOL

TRAINING DATA & COURSEWARE

Soldier Data (Institutional/Unit) Training Data

ATIS Common Data Access

UNIT TRAINING MNGT CONFIGURATION

SGT Dough, John Q : HHC, 1-34 Armor Bn

(DTMS)

LIFE LONG LEARNING CENTER (ATIS DISTRIBUTED Db)

OPERATIONAL Unit Training Strategies

INSTITUTIONAL Institutional Training Strategies

SELF DEVELOPMENT Individual Training Strategies

- ✓ Doctrine
- ✓ Individual Tasks
- ✓ Collective Tasks
- ✓ Individual TSPs
- ✓ Combined Arms Training Strategies
- ✓ POIs
- ✓ DL Courseware

DA LEVEL MNGT PEOPLE FACILITIES AMMO

- ✓ Resident/Non-Resident Training Management
- ✓ Unit Training Management
- ✓ METL Development
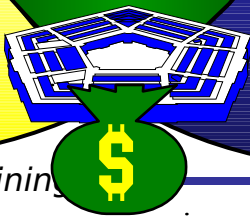- ✓ Capabilities based training planning

TRAINING/DOCTRINE DEVELOPMENT

TRAINING MANAGEMENT

$

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Distributed Learning System

⮞ **DLS is the Army's technology enterprise project for delivering and managing distributed learning to Soldiers and civilians around the globe.**

⮞ **The system includes:**

- *274 Digital Training Facilities (DTFs)* – for AC and USAR worldwide.

- *Army Learning Management System (ALMS)* – delivers training products and provides training management functions via the web.

- *Enterprise Management Center (EMC)* – provides connectivity and technical support to users.

- *Deployed Digital Training Campus (DDTC)* – provides training access   for troops that are deployed.

- *e-Learning* – Provides commercial information technology, business, leadership, and professional development training to the Army workforce.

...providing the capability to train Soldiers at the right time and place.

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DLS *Distributed Learning System*

The Army TADLP Distributed Learning Program

Characteristics/Descriptions
- Readiness-based training priorities.
- Global networked training environment.
- Students trained at home station.
- Technology based Digital Training Facilities.
- Automates Student Management functions.

Capability/Improvements
- Leverages technology to increase training effectiveness and efficiencies.
- Improved readiness.
- Increased training opportunities.

Special Features
- Multimedia courseware.
- Collaborative training opportunities.
- Consistent with DoD, Army & Commercial Standards.
- Trains all components to Army Standards.
- Moves away from traditional resident   service school.
- Leverages COTS/GOTS products.

"Acquire, deploy and maintain a worldwide distributed learning system to ensure our nation's Soldiers receive critical training for mission success "

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Digital Training Facilities (DTFs)

⮑ **274 DTFs fielded for AC and USAR worldwide.**

⮑ **Major components include:**

- 12-16 Student Workstations.
- Microsoft Office Software.
- Room-based Video Suite.
- All Hardware/Software COTS.

⮑ **Major functions include:**

- Provides student access to information technology resources for training.
- Provides access to web-based and VTT training.
- Initiates Culture Shift to DL Training.

Video Tele-training (VTT) Equipment

12/16 Student Workstations

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⮑ IMI (CBT)

- Aircrew Coordination Training
- ANCOC
- BNCOC
- Operational Security

⮑ Web-based

- HAZMAT
- Global Transportation Network
- Safety Course
- Combat Lifesaver
- Armor Captains Career Course Phase 1
- First Sergeants Course

⮑ VTT

- ANCOC
- BNCOC
- ANCOC & BNCOC Chief Instructor
- First Sergeants Course
- Medical CMF 91K & 91V Training
- Trauma & Airway Management Training
- Battle Staff NCO Course
- Global Transportation Network
- Medical Training Coordinator
- Casualty Assistance Office Training

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Deployed Digital Training Campuses (DDTCs)

DLS
Distributed Learning System

The Army
TADLP
Distributed Learning Program

- **FY04 defining functional requirements with TRADOC.**

- **FY05 market investigation.**

- **FY06 contract award, prototyping, and DT/OT.**

- **FY07 Full Rate Production decision and initiate fielding.**

Army Learning Management System
(ALMS)

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⮫ **ALMS is located at the Enterprise Management Center at Fort Eustis, VA.**

⮫ **Major components include**:
- Specialized servers and storage devices.
- Training management application software.
  - Saba Learning v.3.4, Vitria v.3.1, CISCO content delivery.
  - Sun v.5.8 OS, Oracle Database 9I.
  - All products are COTS.

⮫ **Major functions include:**
- Centralized training management functions for the Army.
- One-stop course catalog, reservation, registration.
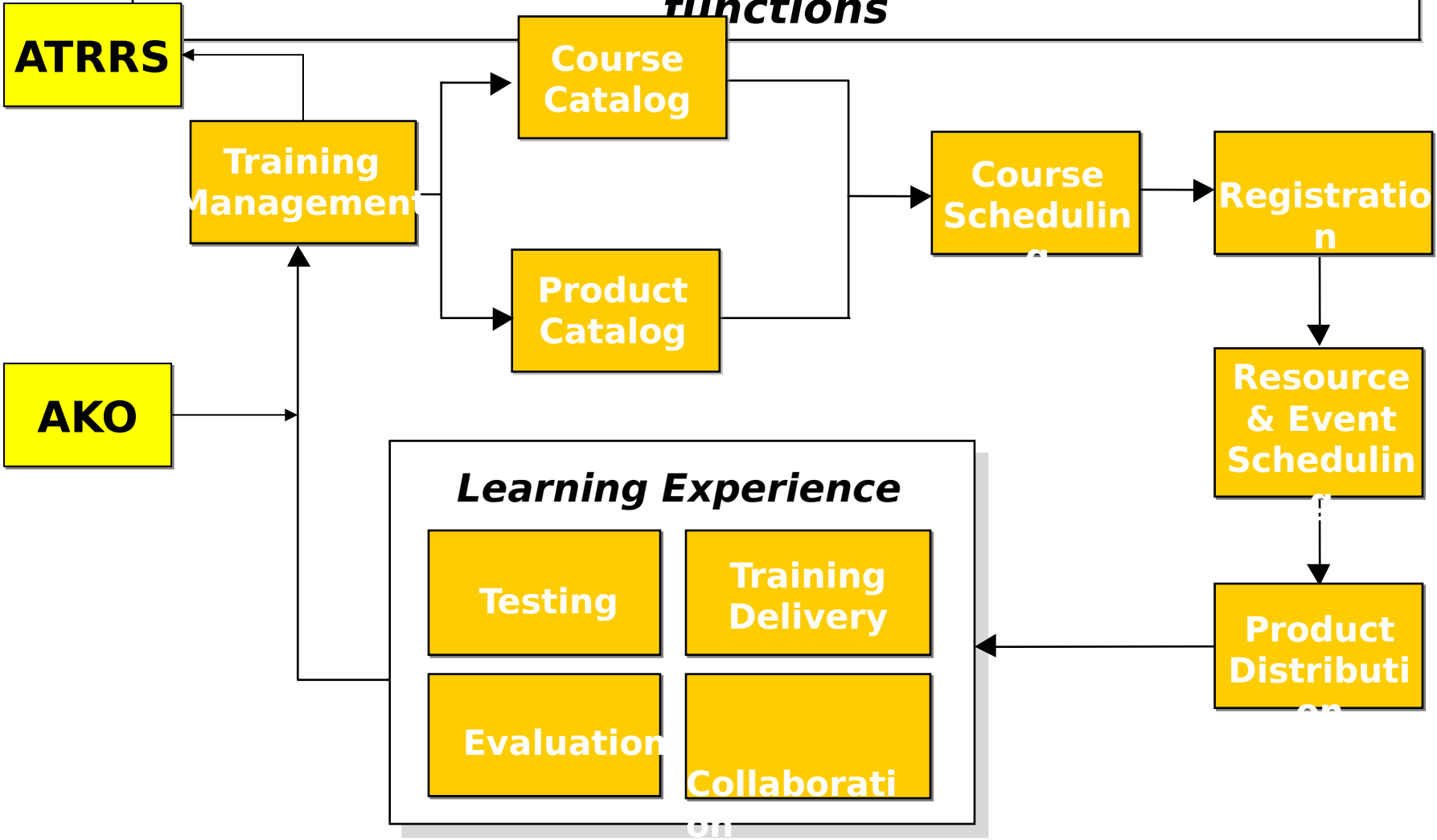- Delivery and local storage of training content.

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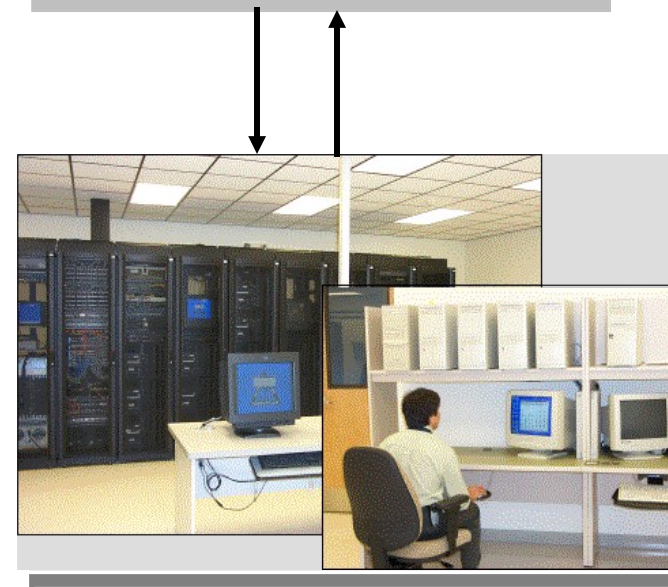
ALMS Major Functions

ALMS represents 11 major training management functions

ATRRS

AKO

Training Management

Course Catalog

Product Catalog

Course Scheduling

Registration

Resource & Event Scheduling

Product Distribution

Learning Experience

Testing

Training Delivery

Evaluation

Collaboration

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➲ Army LMS Provides:

- Student identification and authorization via AKO interface.

- Training resource management for facilities, equipment, and supplies.

- By-hour, by-seat scheduling.

- Automated attendance and grading; automatic lesson-level progress and completion reporting.

- Personal training recordkeeping from registration to transcripts.

- Full suite of training access and security tools.

- Posting of official training records to ATRRS via interface.

- Soldier and civilian MOS/Career Field progress monitoring to the Skill (Task) level.

- Lesson-level synchronous and asynchronous collaboration among students, faculty, and SMEs.

- Test and critique analysis at the question level.

- ➲ **Soldiers to take DL training and manage their training records.**

- ➲ **Civilians to take HQDA directed training (e.g., POSH).**

- ➲ **Operational unit leaders and training NCOs to assess individual and unit training readiness.**

- ➲ **Training Managers to schedule and commit training resources.**

- ➲ **Training Developers to assess course quality.**

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DLS Distributed Learning System

The Army TADLP Distributed Learning Program
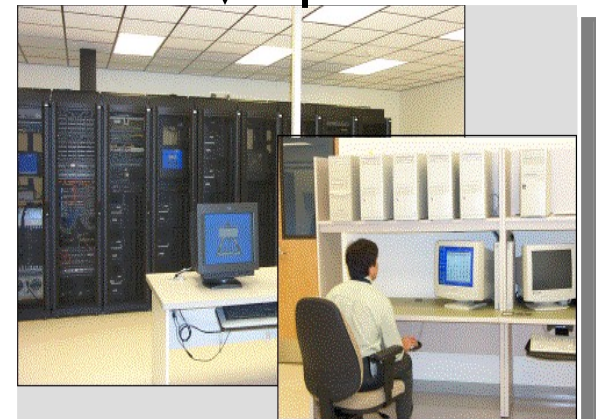
"The **Army LMS will be** the Army's automated system for individual training management and **will replace the ILMS**, and ultimately **all other** TRADOC school/center hosted LMSs."

"Schools are **required to use the Army LMS** when it is **deemed operational** by TRADOC DCSOPS&T at their location."

➲ Gaining Organization:

- Fort Rucker Center and schools.
- Other training institutions (e.g., NCO academy).
- Major tenant organizations (e.g., TASS BNs, FORSCOM units).

➲ Training Effort:

- ALMS is web-based.
- Fielding = training/data population.

➲ Target Personnel:

- Managers and supervisors (training support).
- Training cadre: ALMS users (training).
- Training equipment and expendable resource managers (training).

Appointments to be made after Site Survey

⮕ **Faculty Roles:**
- Instructor
- Assistant Instructor
- Subject Matter Expert
- Facilitator

⮕ **Scheduler**

⮕ **Class Manager**

⮕ **Course Manager**

⮕ **Learner (default role)**

⮕ **Resource Roles**
- Classroom Manager
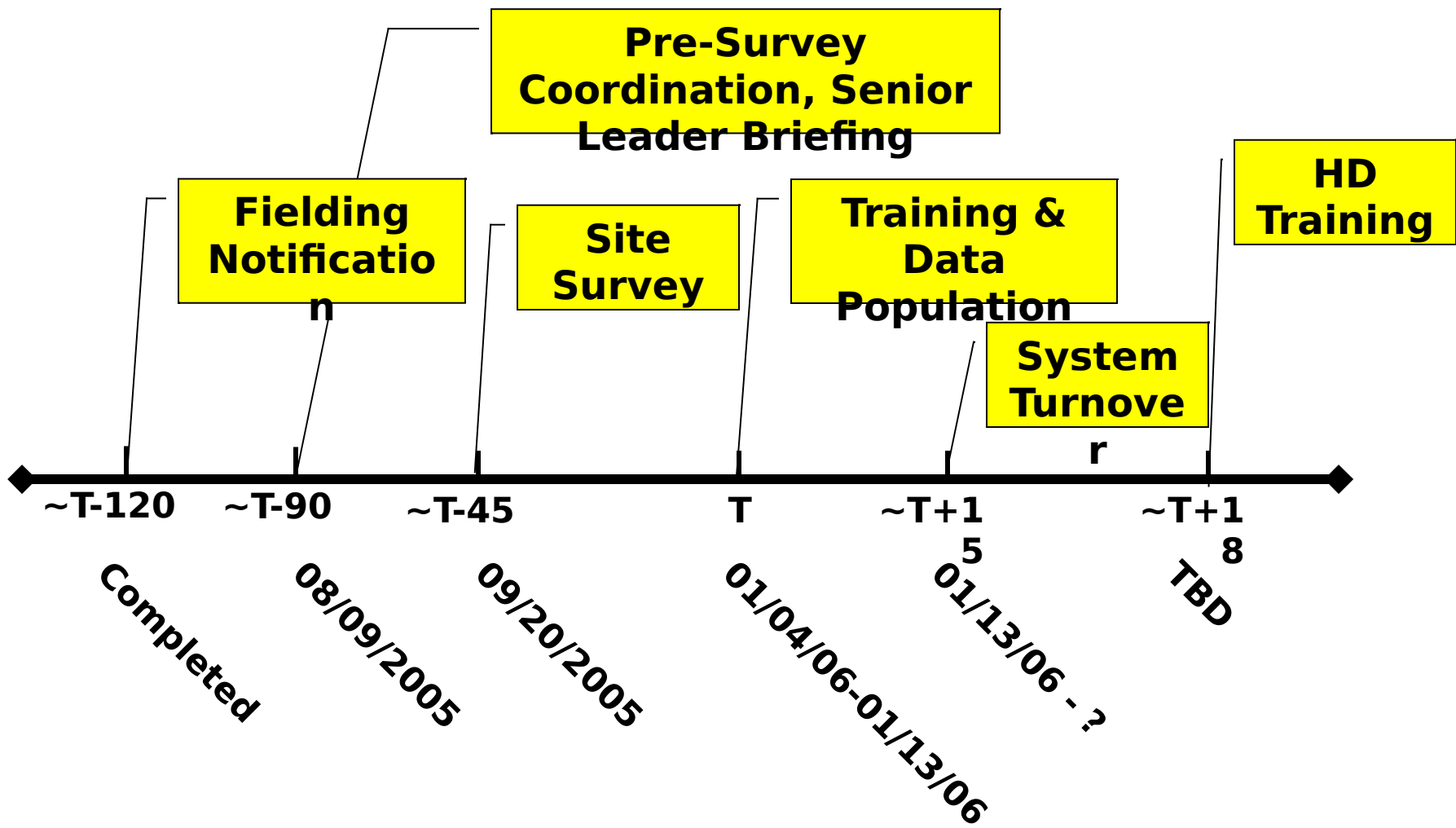- Facility Manager
- DTF Manager
- Product Distributor

⮕ **Unit Roles:**
- Learning Approver
- Unit Training Manager

⮕ **System Administrator Enterprise Management Center (EMC)**

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Pre-Survey Coordination, Senior Leader Briefing

Fielding Notification

Site Survey

Training & Data Population

HD Training

System Turnover

~T-120 — ~T-90 — ~T-45 — T — ~T+15 — ~T+18

Completed

08/09/2005

09/20/2005

01/04/06-01/13/06

01/13/06 - ?

TBD

Data Collection (Prior to Training Initiation)

➲ **Lists of Active Courseware (Proponency):**

- Any current storage or repository.
- Any format or medium.

➲ **Sources of Automated Training Data:**

- Types of data:
  - Classrooms and other training facilities (e.g., scheduling).
  - Equipment and expendable resources.
  - Soldier skills by MOS/ASI and grade.
- Location of data:
  - Electronic files or DB Extracts.
  - Legacy TRADOC or local training support systems.

➲ **Survey team will send data to PMO for analysis**

➲ **Designate individual as Data Owner for all data**

⮞ **Three Days** **09/20/2005**

⮞ **Participants**:

- Three representatives - PMO DLS, TPIO TRADOC, and Fielding Officer.

- Site management and supervisors (e.g., course managers, class managers, facility managers, etc.).

- Selected data owners (role-based users).

⮞ **Events**:

- Organizational discussions (concerning existing DB framework).

- Role appointment briefing.

- Automated and manual data collection.

- Fielding MOA (consensus) and signing.

- ➲ **For courseware that will be hosted on the ALMS, contact Valerie Williams at 757-878-0433 x 281 or valerie.l.williams@us.army.mil; dlstesting@tadlp.army.mil.**

- ➲ **Please contact your Proponent Courseware Manager at ATSC for:**
  - Content on the ILMS or the RDL Servers.
  - New courseware currently going through the ATSC testing process that will be hosted on the ALMS.

- ➲ **Site will request ATSC provide DLS with all courseware that resides on ASPEN or RDL servers NLT four weeks prior to the beginning of ALMS training.**

- ➲ **Go to www.dls.army.mil/lms_fielding.html and click on "Site Courseware List" for your courseware listing for your Site.**

⮕ **Two Weeks: 01/04/06-01/13/06**

⮕ **Participants**:

- Representatives from DLS (PMO and prime contractor) and TRADOC (TPIO).

- DLS representatives may include up to three training teams with the maximum capability of training 75 role-based users in three separate classrooms simultaneously (with a classroom capacity of 25 seats).

- Site management and supervisors.

- All role-based users (training data owners).

- Army Training Help Desk Representative (ATSC).
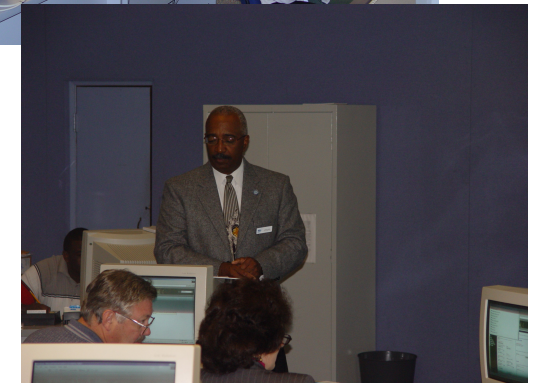
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⮕ **Events**:

- Introduction and orientation briefs (½ day).

- Role-based User training (4 ½ days – "Week 1").

- Data entry by organization with fielding team assistance (5 days - "Week 2").

⮕ **Organizational Data Entry until completed.**

⮕ **Army Training Help Desk (ATHD) training will occur the week following ALMS training.**

High Level Fielding Schedule

	Day 1	Day 2	Day 3	Day 4	Day 5
A.M	Travel Day	All (Room Size that will fit all)	CoM	CoM / CM	CoM / CM / I
P.M		RM	CoM	CoM / CM	AAR

	Day 6	Day 7	Day 8	Day 9	Day 10
A.M	Data Entry	Data Entry	Data Entry	Data Entry	AAR
P.M	Data Entry	Data Entry	Data Entry	Data Entry	Data Entry

CoM = Course Manager / Could Be: POI Personnel, Course Developer
CM = Classroom Manager / Could Be: Operation Sgt, SGL
RM = Resource Manager
I = Instructor
UTM = Unit Training Manager / Could Be: Operation Sgt, Training NCO
LA = Learning Approval / Could Be: Cmd's, or any one appointed to approve Learner's Training

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⮑ **TRADOC has tasked ATSC with providing customer assistance for Army Training.**

- Individual sites will determine and provide the staffing for their component of the ATHD.

- Staffing requirements at proponent organizations are site specific.

- Site specificity is based upon the size of the proponent organization, the availability of courses, and the anticipated customer base.

➲ **The Army Training Help Desk (ATHD) is made up of three functional components:**

- Distributed Learning System (DLS)
- Army Training Support Center (ATSC)
- Proponent (School)

➲ **These organizations are accessed by the Soldier or civilian through a single portal: ATSC's Help Desk at ASK-ATSC.**

- 1-800-ASK-ATSC
- https://ask-atsc.atsc.army.mil

ATHD Responsibilities

ATSC	DLS	Proponent
ATIS - related	**DTF-related**	Courseware
•Training Development	•Facilities	Content
•Training Resources	•Network	Usability
•Collective Training	•VTT	Proponent Doctrine
•Legacy Systems	**ALMS-related**	Resident Issues
•CRXXI	•Access	eMentor Help
Army & TASS	•Functions	Subject Research
TRADOC Policy	•Sys/Admin	
Regulations & Publications		
DL Contracts		

➲ **Two Days:** TBD

➲ **Participants**:

- Army Training Help Desk Representative (ATSC).
- Help Desk representative from units (management and agent).

➲ **Events**:

- Day 1
  - Common training in the morning; Instructor receives training in the afternoon.
- Day 2
  - Manager and agents receive training.

PM Distributed Learning System will…

⮞ **Provide personnel and materials**

- To train designated users in ALMS processes, procedures, and techniques used to support their applicable Army Training Tasks.

- For two weeks on-site.

⮞ **Provide continuous access to:**

- On-line references and training materials.

- 24 X 7 Help Desk support for the ALMS.

Receiving Organization will...

⮑ **Provide site POC for coordination.**

⮑ **Provide role-based users to participate in ALMS training and perform duties as data owner.**

⮑ **Provide logistics support to training team.**

⮑ **Provide facilities to support training and fielding.**

- Auditorium (1/2 day - Day 1).

- Classroom(s) with individual networked PCs sufficient to support role-based user access to ALMS.

Receiving Organization will…

➲ **Ensure – two weeks prior to training:**

- That all students log into the ALMS in order for management to be able to request role appointments.
  - Management must request, from the DLS Help Desk, a role appointment for each student who will receive the ALMS training.
- Site POC sends a listing to the ALMS Fielding Officer with students' AKO user names, their role appointment, their organization, designated Domain, and Approving Authority.

- Data Population Plan
- Guide to Data Collection
- Courseware Listing Template
- List of ALMS Roles and their Descriptions
- ALMS Fielding Presentation
- Materiel Fielding Plan
- ALMS Training Standard Operating Procedures (SOP)
- Draft MOA
- Proposed Schedule
- Fielding Checklist

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⮫ PMO DLS:

- Fielding/Training: MAJ Boston, COMM: 757-369-2904/ 757-753-8193; E-mail: Antonio.Boston@us.army.mil

- Data and Site Survey: Steve Eldred, COMM: 757-369-2891; Email: steve.eldred@us.army.mil

- Courseware: Valerie Williams, COMM: 757-878-1527 ext. 281, Email: valerie.williams@us.army.mil

⮫ TPIO TRADOC:

- MAJ Steven Hopingardner, COMM: 757-788-3141; E-mail: Hopingardnerst@monroe.army.mil

⮫ Help Desk:

- ATSC: Gregory P. Bailey, COMM 1-800-ASK-ATSC; Gregory.Bailey@ATSC.army.mil

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